

Peak District National Park

Forecast valid from 00:00 on Tuesday 15 Mar 2022 until 23:59 on Wednesday 16 Mar 2022

Forecast Issued on Monday 14 Mar 2022 at 14:48

Confidence: Medium confidence for cloud amounts on Tuesday and also likelihood of any rain on Wednesday but high confidence for dry and settled conditions settling towards the end of the week as High pressure builds over England and Wales.

Headline for Tuesday 15 Mar 2022: Mainly dry and bright day but becoming cloudy later, fresh southerly winds.

Mountain weather hazards on Tuesday 15 Mar 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Sunny	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 15 Mar 2022

Weather: Mostly clear overnight but perhaps some mist forming at times. By dawn some sunny intervals developing but cloud will build during the day, although still some brighter spells still to be had. Mainly dry throughout the day and remaining cloudy but dry during the evening.

Chance of cloud-free hill tops above 600m: 90%, cloud mostly above the summits but perhaps some patches of cloud around western summits at times.

Low cloud and visibility: Visibility below the cloud is expected to be good or very good throughout the day. Patches of cloud falling to 600m at times mainly around western hill towards the Macclesfield. Visibility falling moderate in any early mist patches.

Forecast for Tuesday 15 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	13/17 S	12/16 S	14/19 S	15/21 S	15/22 S	12/18 S	14/22 S	14/21 S
300	6/8 S	8/12 S	9/14 S	10/16 S	11/18 S	11/18 S	8/14 S	9/16 S	10/16 S
Valley	3/7 SE	4/10 SE	4/11 SE	6/13 S	9/18 S	10/19 S	5/13 S	6/16 SE	6/14 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	3/-2	3/-2	4/0	6/2	8/4	7/3	6/2	6/2
300	5/3	4/2	5/2	6/3	9/6	10/8	9/7	8/6	7/5
Valley	4/3	3/2	3/2	6/5	10/8	11/9	9/8	8/7	8/6
Freezing Level*	1000m	900m	1000m	1100m	1200m	1200m	1300m	1200m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Quite a cool feel on the summits with a fresh breeze and freezing level above all the hill summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
15:00 on Mon 14 Mar 2022

Last 24 hours:
0.4mm

Last 48 hours:
1.8mm

Last 72 hours:
5.6mm

Forecast for Wednesday 16 Mar 2022

Weather: Some clear spells overnight and remaining mainly dry. Some rain affecting the northern hills during the morning and this spreading south in the afternoon. Rain clearing away during the evening and skies clearing.

Maximum wind: Southerly 10 mph becoming Northwesterly later 15-20mph.

Chance of cloud-free hill tops above 600m: 40%, broken low cloud especially in the west associated with the band of rain moving south becoming 90% later in the afternoon.

Low cloud and visibility: Broken cloud above 500m in the west, perhaps more scattered or patchy above 600m in the east. Visibility will be poor at times in outbreaks of rain during the day. Cloud clearing later in the afternoon and visibility becoming excellent later in the afternoon.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 3 Celsius fall to 1 Celsius later.
Freezing level: 1200m falling to 700m later.